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AMENDMENTS TO THE DRAWINGS:

The attached sheet of drawings includes changes to Fig. 2a, and replaces the original sheet of drawings. In Fig. 2a, the previously omitted label "Prior Art" has been added.

Attachment: Replacement Sheet

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REMARKS

Claims 1, 3-6, 8, 9, 12-14, 16, and 20-22 are currently pending. Claims 1, 6, 14 and 20 have been amended for clarification and to advance prosecution. The amendment of these claims is supported by the original disclosure, such as page 4, lines 3-13, page 5, lines 10-11 and 19-22, and page 6, line 23 of international publication no. WO 03/085553 which corresponds to the present application. It is respectfully submitted that no new matter has been added.

Drawing Objections

Applicant has amended drawing figure 2a by labeling it as "Prior Art." Applicant respectfully requests that the Patent Office remove its objections to the drawings.

Claim Rejections – 35 U.S.C. 112

The Patent Office rejected claims 1, 3-6, 8, 9, 12-14, 16, and 20 under 35 U.S.C. 112, first paragraph as failing to comply with the written description requirement. The Patent Office asserted as follows:

The disclosure does not appear to describe claimed feature modifying both the address field and virtual function keys based on input of the user alphanumeric, only the address field appears to be modified based on alphanumeric input of the user [note page 7 lines 5-17, example four illustrates "search mode" alters the network browser's function keys]. See page 6 line 15 through page 7 line 33. However, the disclosure appears to teach function keys change based on a function description mode or application used see page 6 lines 6-14. The claims appear to omit reference to a particular mode (i.e. function description modes) see Figure 2b element 21 function description modes.

Page 6, line 32, of Applicant discloses "virtual function keys 23" and page 6, line 33 discloses "function description field 21." Figure 2b shows the function description field 21, the address field 22, and the virtual function keys 23 are presented in a manner consistent with a mode. Page 7, lines 5-8, disclose that entering digits in the address field can be interpreted so as to adapt the function keys. Applicant believes that the claims comply with the written description requirement and respectfully requests that the Patent Office withdraw its rejection of these claims under 35 U.S.C. 112, first paragraph.

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Page 5, lines 13-28, disclose as follows:

Fig. 1a is an exemplary flow diagram illustrating how the adaptive address field according to the invention can be utilized. The example may involve any information processing device which in some way or another is capable of establishing a communications connection with another device, say, a particular server.

Initially, in state 11, the device is in a mode according to the invention and the network browser displayed by the device has been set to a display mode according to the invention. In step 12 the user enters in the address field information relating to the service he wants to use. A check is made in step 13 to find out whether a server's network address or the like was entered in the address field. If a network address is recognized, the terminal begins to function as a network browser according to the invention, step 16. The network browser establishes a connection to the server in question, and the services provided by the server can be used, through the browser function, as long as necessary, step 11. The network browser may operate either as a browser according to the prior art or as an adaptive browser according to the invention, as will be described later on in conjunction with the description of Fig. 1b.

Applicant respectfully submits that there may be more than one way to describe a claimed invention and that the claims comply with the written description requirement and respectfully requests that the Patent Office withdraw its rejection of these claims under 35 U.S.C. 112, first paragraph.

The Patent Office rejected claims 1, 3-6, 8, 9, 12-14, 16, and 20 under 35 U.S.C. 112, second paragraph, as being incomplete for omitting essential elements, such omission amounting to a gap between the elements.

As discussed above, Applicant discloses "In step 12 the user enters in the address field information relating to the service he wants to use;" "If a network address is recognized, the terminal begins to function as a network browser according to the invention, step 16;" and "The network browser establishes a connection to the server in question, and the services provided by the server can be used, through the browser function, as long as necessary, step 11." Applicant has claimed essential elements and need not be restricted to recitation of a term where claimed subject matter may be described in another manner consistent with the original disclosure. Applicant respectfully requests that the Patent Office withdraw its rejection of claims 1, 3-6, 8, 9, 12-14, 16, and 20 under 35 U.S.C. 112, second paragraph.

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Response to Response to Arguments

The currently pending claims are believed to be patentable over Boroumand in view of Henricksen for the reasons provided below in the discussion of the claim rejections.

Rejections under 35 U.S.C. 103(a)

The Patent Office rejected claims 1, 3-6, 8, 9, 12-14, 16, and 20-22 under 35 U.S.C. 103(a) as being unpatentable over Boroumand, U.S. Published Patent Application No. 2002/0156870, in view of Henricksen, Adapting the Web Interface: an Adaptive Web Browser.

Although Applicant does not admit explicitly or implicitly a need to amend the claims, to advance prosecution, Applicant has further amended the current claims to more clearly differentiate the present invention from Boroumand and Henricksen.

Boroumand, the cited main reference, discloses a computer system where some of the keys of an end-user PC keyboard can be defined as hotkeys by the end-user.

In Boroumand, the PC sends a special UIC message (unique identification code) to a special server when the user has pressed a predefined keyboard key. The UIC message identifies the keyboard key and the user. A decoding of the association of the keyboard key and the user from the UIC message with a certain URL occurs in the server. After decoding the URL, the server sends the decoded URL back to the client. The client receives the URL and puts it into the browser address field. Then, the client tries to establish a connection with the specified URL. Boroumand does not disclose that the web browser functionality is changed somehow when the PC receives the URL address or when it establishes a connection to the URL address.

It is also noteworthy that Boroumand does not disclose that the user enters alphanumeric data directly in the address field of the network browser. The only depicted user action is a press of a keyboard key which launches the UIC message.

Boroumand does not disclose that the function description field and associated virtual keys should be modified due to the user input in the address field to conform a service used at that time.

To remedy these deficiencies, the Patent Office cites Henricksen, “Adapting the Web Interface: An Adaptive Web Browser”.

Henricksen discloses some types of adaptation that can be applied to a web browser in

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response to diverse context changes, for example changes in available computing resources, input and output device capabilities, network characteristics, location and user context.

Henricksen discloses that the web browser can adapt to usable bandwidth and jitter (communication adaptation), to devices used (input/output adaptation), to user capabilities and experience (user adaption) and to user location (location adaptation). Therefore, Applicant submits that Henricksen only describes ways in which the web browser can adapt to changing network characteristics.

Henricksen does not disclose hints about how the web browser could adapt to a service used at that time. Henricksen also does not disclose how user input in the address field of the web browser could be utilized in the adaptation process.

Therefore, Applicant submits that the article would not disclose or suggest to one of ordinary skill in the art how a user input in an address field of the web browser could be used in the mentioned adaptation processes.

Applicant submits that the cited documents alone or in combination do not disclose or suggest all the elements of the invention disclosed in the amended claims. Therefore, Applicant submits that the amended independent claims are not made obvious by Boroumand in view of Henricksen.

The Patent Office is respectfully requested to reconsider and remove the rejections of the claims 1, 3-6, 8, 9, 12-14, 16, and 20-22 under 35 U.S.C. 103(a) based on Boroumand, U.S. Published Patent Application No. 2002/0156870, in view of Henricksen, Adapting the Web Interface: an Adaptive Web Browser, and to allow all of the pending claims 1, 3-6, 8, 9, 12-14, 16, and 20-22 as now presented for examination. An early notification of the allowability of claims 1, 3-6, 8, 9, 12-14, 16, and 20-22 is earnestly solicited.

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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. BOX 1450, Alexandria, VA 22313-1450.

9.4.2009
Date

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